

# Environmental Science: Atmospheres

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## IN THIS ISSUE

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### Cover

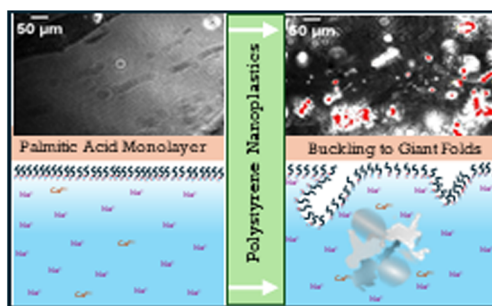
See Heather C. Allen *et al.*, pp. 1180–1194. Image reproduced by permission of Ohio State University from *Environ. Sci.: Atmos.*, 2025, 5, 1180.

## PAPERS

1180

### Nanoplastic–lipid interactions at marine relevant interfaces: implications for atmospheric chemistry

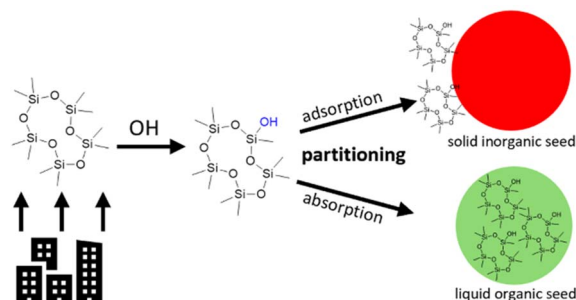
Shamma Jabeen Prama, Biswajit Biswas, Shahin Ahmed Sujon, Kyle J. Moor, Janice Brahney and Heather C. Allen\*



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### Secondary organic aerosol formation from early-generation oxidation products of decamethylcyclopentasiloxane depends on seed aerosol composition

Hanalei R. Lewine, Jeewani N. Meepage, Josie K. Welker, Charles O. Stanier, Elizabeth A. Stone\* and Eleanor C. Browne\*



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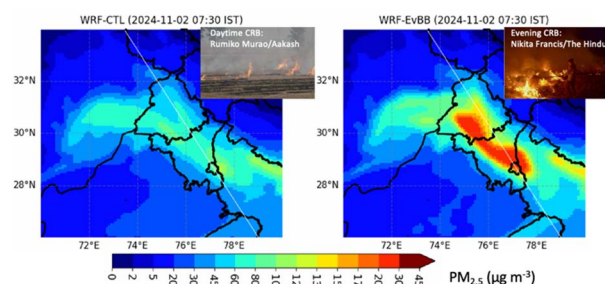
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1211

## Emission time and amount of crop residue burning play critical role on PM<sub>2.5</sub> variability during October–November in northwestern India during 2022–2024

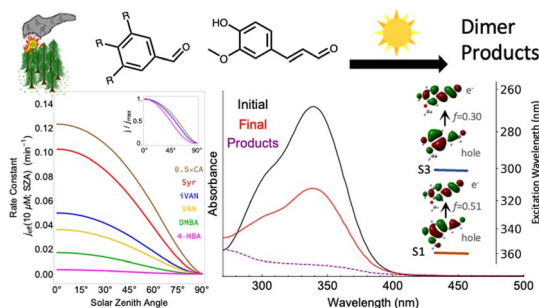
Akash Biswal,\* Masayuki Takigawa, Poonam Mangaraj, Jagat S. H. Bisht, Prabir K. Patra,\* Yutaka Matsumi, Tomoki Nakayama, Hikaru Araki, Natsuko Yasutomi, Vikas Singh and the Aakash CUPI-G team



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## Wavelength-resolved quantum yields for phenolic carbonyls in acidic solution: molecular structure effects on brown carbon photochemistry

Dong Lee, Ellery Moore, Yiheng He, Tate Weltzin, Maria Gabbasova, Allen Zhu, Aidan Gee, Tom Rioux, Lindsey R. Madison\* and Greg T. Drozd\*



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## Intra-city particulate elemental characteristics and variabilities in Jakarta

Drijeana,\* Novi Kartika Sari, Muhayaton Santoso and Dyah Dwiana Lestiani

